

MOTOMCO 919 MOISTURE METER CHART

Sample Size

225 GRAMS

Calibrate at

53

BARLEY, SIX-ROWED

8 - 22%

$$\% \text{ MOISTURE} = 10.9016 + (0.21466 * \text{MR}) + (0.00062265 * \text{MR}^2) - (1.2\text{E-}05 * \text{MR}^3) - (0.044501 * \text{T})$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0		16 1/2	11.13	33	14.81	49 1/2	18.17	66	20.90		
1/2		17	11.25	33 1/2	14.91	50	18.26	66 1/2	20.97		
1		17 1/2	11.36	34	15.02	50 1/2	18.36	67	21.04		
1 1/2		18	11.47	34 1/2	15.13	51	18.45	67 1/2	21.11		
2		18 1/2	11.58	35	15.24	51 1/2	18.54	68	21.18		
2 1/2	8.02	19	11.70	35 1/2	15.34	52	18.63	68 1/2	21.24		
3	8.12	19 1/2	11.81	36	15.45	52 1/2	18.72	69	21.31		
3 1/2	8.23	20	11.92	36 1/2	15.56	53	18.81	69 1/2	21.37		
4	8.34	20 1/2	12.03	37	15.66	53 1/2	18.90	70	21.44		
4 1/2	8.45	21	12.15	37 1/2	15.77	54	18.99	70 1/2	21.50		
5	8.56	21 1/2	12.26	38	15.87	54 1/2	19.08	71	21.56		
5 1/2	8.67	22	12.37	38 1/2	15.98	55	19.17	71 1/2	21.62		
6	8.78	22 1/2	12.48	39	16.08	55 1/2	19.26	72	21.68		
6 1/2	8.89	23	12.60	39 1/2	16.19	56	19.34	72 1/2	21.74		
7	9.00	23 1/2	12.71	40	16.29	56 1/2	19.43	73	21.80		
7 1/2	9.11	24	12.82	40 1/2	16.39	57	19.51	73 1/2	21.85		
8	9.23	24 1/2	12.93	41	16.50	57 1/2	19.60	74	21.91		
8 1/2	9.34	25	13.04	41 1/2	16.60	58	19.68	74 1/2	21.96		
9	9.45	25 1/2	13.15	42	16.70	58 1/2	19.76	75			
9 1/2	9.56	26	13.27	42 1/2	16.80	59	19.84	75 1/2			
10	9.67	26 1/2	13.38	43	16.90	59 1/2	19.92	76			
10 1/2	9.78	27	13.49	43 1/2	17.00	60	20.00	76 1/2			
11	9.90	27 1/2	13.60	44	17.10	60 1/2	20.08	77			
11 1/2	10.01	28	13.71	44 1/2	17.20	61	20.16	77 1/2			
12	10.12	28 1/2	13.82	45	17.30	61 1/2	20.24	78			
12 1/2	10.23	29	13.93	45 1/2	17.40	62	20.32	78 1/2			
13	10.34	29 1/2	14.04	46	17.50	62 1/2	20.39	79			
13 1/2	10.46	30	14.15	46 1/2	17.60	63	20.47	79 1/2			
14	10.57	30 1/2	14.26	47	17.69	63 1/2	20.54	80			
14 1/2	10.68	31	14.37	47 1/2	17.79	64	20.62	80 1/2			
15	10.79	31 1/2	14.48	48	17.89	64 1/2	20.69	81			
15 1/2	10.91	32	14.59	48 1/2	17.98	65	20.76	81 1/2			
16	11.02	32 1/2	14.70	49	18.08	65 1/2	20.83	82			

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.00	45	1.42	58	0.85	71	0.27	84	-0.31	97	-0.89
33	1.96	46	1.38	59	0.80	72	0.22	85	-0.36	98	-0.93
34	1.91	47	1.34	60	0.76	73	0.18	86	-0.40	99	-0.98
35	1.87	48	1.29	61	0.71	74	0.13	87	-0.45	100	-1.02
36	1.82	49	1.25	62	0.67	75	0.09	88	-0.49	101	-1.07
37	1.78	50	1.20	63	0.62	76	0.04	89	-0.53	102	-1.11
38	1.74	51	1.16	64	0.58	77	0.00	90	-0.58	103	-1.16
39	1.69	52	1.11	65	0.53	78	-0.04	91	-0.62	104	-1.20
40	1.65	53	1.07	66	0.49	79	-0.09	92	-0.67	105	-1.25
41	1.60	54	1.02	67	0.45	80	-0.13	93	-0.71	106	-1.29
42	1.56	55	0.98	68	0.40	81	-0.18	94	-0.76	107	-1.34
43	1.51	56	0.93	69	0.36	82	-0.22	95	-0.80	108	-1.38
44	1.47	57	0.89	70	0.31	83	-0.27	96	-0.85	109	-1.42